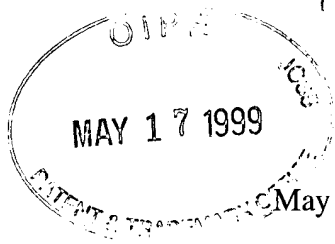


**HOWREY & SIMON**

1691



May 17, 1999

Attorneys at Law  
1299 Pennsylvania Ave., NW  
Washington, DC 20004-2402  
(202) 783-0800  
FAX (202) 383-6610

**Jeffrey I. Auerbach**  
(202) 383-7451  
auerbachj@howrey.com

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RECEIVED**  
JUN 10 1999  
TECH CENTER 1600/2900

Re: Appl. No. 09/258,216  
Filed: February 26, 1999  
For: **METHOD AND REAGENT FOR  
DETERMINING SPECIFIC NUCLEOTIDE  
VARIATIONS**  
Inventors: Hans E. Soderlund, *et al*  
Our Ref: 04990.0043.US03

Sir:

Transmitted herewith for appropriate action by the U.S. Patent and Trademark Office (PTO) are the following documents:

1. Request for Corrected Official Filing Receipt;
2. Corrected photocopy of Official Filing Receipt;
3. Copy of Form PTO-1082;
4. Copy of the Application Transmittal Letter;
5. Copy of the Utility Patent Application Transmittal; and
6. Return Postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Assistant Commissioner for Patents

May 17, 1999

Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Respectfully submitted,

*Michael Bell* Reg. No. 32,604  
*for*

Jeffrey I. Auerbach  
Registration No. 32,680

Enclosures

## FILING RECEIPT

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/258,216	02/26/99	1634	\$1,944.00	<del>A28203-A</del>	3	54	7

04990.0043-US03  
RECEIVED  
DOCKET DEPT.

APR - 1 1999

HOWREY &amp; SIMON

~~BRUMBAUGH GRAVES DONOHUE & RAYMOND~~  
~~30 ROCKEFELLER PLAZA~~  
~~NEW YORK NY 10112~~  
HOWREY & SIMON  
Box No. 34  
1299 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20004-2402

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

## Applicant(s)

HANS E. SODERLUND, ESPOO, FINLAND; ANNE-CHRISTINE  
SYVANEN, HELSINKI, FINLAND.

## CONTINUING DATA AS CLAIMED BY APPLICANT-

~~THIS APPLN IS A CIP OF 07/482,005 02/16/90 ABN~~

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 03/19/99

## TITLE:

METHOD AND REAGENT FOR DETERMINING SPECIFIC NUCLEOTIDE VARIATIONS

PRELIMINARY CLASS: 435

04990-0043-US03  
DOCKETEDIDS/Prel. Amt.  
Due 5/6/99RECEIVED  
BAKER & BOTTS, L.L.P.

99 MAR 25 AM 10:02

TO

THIS APPLN IS A CON OF 08/162,376 12/62/93  
AND A CON OF 07/656,575 02/15/91  
AND A CIP OF 07/482,005 02/16/90

ABN		

ABN

HOWREY &amp; SIMON

APR 01 1999

RECEIVED

DATA ENTRY BY: BENTLEY, TIA

TEAM: 01 DATE: 03/19/99

# HOWREY & SIMON

February 26, 1999

Attorneys at Law  
1299 Pennsylvania Ave., NW  
Washington, DC 20004-2402  
(202) 783-0800  
FAX (202) 383-6610

## ***Box Patent Application***

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: New U.S. Non-Provisional Utility Patent Application  
Application Serial No. To Be Assigned; Filed: Herewith  
**Continuation of U.S. Application Serial No. 08/162,376, Filed December 2,  
1993; Which is a Continuation of U.S. Application Serial No. 07/656,575;  
Filed February 15, 1991**  
For: **Method and Reagent For Determining Specific Nucleotide Variations**  
Inventor(s): Hans E. Söderlund, and Anne-Christine Syvanen  
Our Ref: 04990.0043.US01

---

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a continuation application of prior Application Serial No. 08/162,376 which is a continuation of Application Serial No. 07/656,575, consisting of the following documents:

1. Utility Patent Application Transmittal Form PTO/SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:  
**Method and Reagent for Determining Specific Nucleotide Variations**

and naming as inventor(s):  
Hans E. Söderlund, and Anne-Christine Syvanen

the application comprising:

- a. The specification containing:
  - (i) 38 pages of description prior to the claims;
  - (ii) 12 pages of claims (39 claims, 7 independent);
  - (iii) one (1) page abstract;
- b. 3 sheet(s) of drawings: (Figures 1-3);

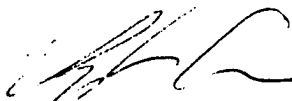
Assistant Commissioner for Patents  
February 26, 1999  
Page 2

- c. Copy of the executed combined Declaration and Power of Attorney from prior application no. 07/656,575;
- 4. Two (2) return postcards; and

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Jeffrey I. Auerbach  
Registration No. 32,680

*Reg # 42,878*

JIA/cmb  
Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hans E. Soderlund, *et al*

Appl. No. 09/258,216

Filed: February 26, 1999

For: **METHOD AND REAGENT FOR  
DETERMINING SPECIFIC  
NUCLEOTIDE VARIATIONS**

Art Unit: 1634

Examiner: Unassigned

Atty. Docket: 04990.0043.US03

**Request for Corrected Official Filing Receipt**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants hereby request that a corrected Official Filing Receipt be issued and sent to the undersigned representative. Specifically, the following corrections to the Official Filing Receipt are requested:

1. The firm information should read:

HOWREY & SIMON  
BOX NO. 34  
1299 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20004-2402

2. The attorney docket number should be:

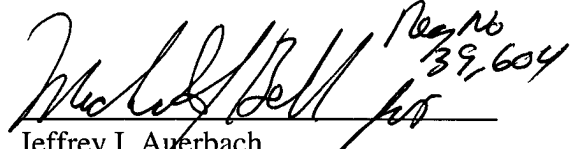
04990.0043.US03

3. The continuation data should read:

THIS APPLN IS A CON OF	08/162,376	12/02/93	
AND A CON OF	07/656,575	02/15/91	ABN
AND A CIP OF	07/482,005	02/16/90	ABN

In support of the above request, a photocopy of the instant Official Filing Receipt is enclosed with the corrections noted in red. Copies of the Utility Patent Application Transmittal, Form PTO-1082, and the Application Transmittal letter are also enclosed, noting the firm's address, the attorney docket number, and the continuation data. It is therefore believed proper that a corrected Official Filing Receipt be issued, reflecting the correction of all the above-noted errors. It is further requested that the corrected Official Filing Receipt be sent to the undersigned at the earliest possible time.

Respectfully submitted,

  
Jeffrey I. Auerbach  
Registration No. 32,680

*Reg No 39,604*

Date: May 17, 1999  
HOWREY & SIMON  
Box No. 34  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
Tel: (202) 383-6904  
Fax: (202) 383-6610

Enclosures

**HOWREY & SIMON**  
**Box No. 34**  
**1299 Pennsylvania Avenue, N.W.**  
**Washington, D.C. 20004-2402**  
**(202) 783-0800**

Attorney Docket No. 04990.0043.US01

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of  
 Inventors: Hans E. Söderlund and Anne-Christine Syvanen  
 For: **Method and Reagent for Determining Specific Nucleotide Variations**

Enclosed are:

☒ 3 sheets of informal drawings.☐ An assignment of the invention to \_\_\_\_\_☐ Form PTO-1595.☒ A copy of \_\_\_\_\_ prior Application Serial No. 07/656,575☐ An associate power of attorney.☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.☐ Executed Power of Attorney from Assignee☒ Executed Combined Declaration and Power of Attorney for Patent Application.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	39 -20 =	* 19
INDEP. CLAIMS	7 -3 =	* 4
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY	
RATE	FEE
	\$ 395.00
x 11 =	\$ 209.00
x 41 =	\$ 164.00
+ 135 =	
TOTAL	\$ 768.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 790.00
x 22 =	
x 82 =	
+ 270 =	
TOTAL	

☐ Please charge my Deposit Account No. 08-3038 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.

☐ A check in the amount of \$\_\_\_\_\_ to cover the \_\_\_\_\_ fee is enclosed.

☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

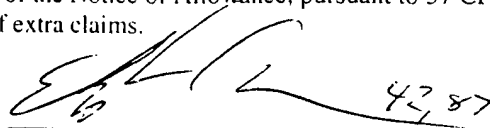
☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

☐ Any patent application processing fees under 37 CFR 1.17

☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

☐ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date February 26, 1999

  
 Jeffrey I. Auerbach, Registration No. 32,680



Please type a plus sign (+) inside this box

PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. _____	
		First Named Inventor or Application Identifier _____	
		Title _____	
		Express Mail Label No. _____	

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents</small>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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<p>1. <input type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <input type="text"/> ] <small>(preferred arrangement set forth below)</small></p> <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R&amp;D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claims</li><li>- Abstract of the Disclosure</li></ul> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <input type="text"/> ]</p> <p>4. Oath or Declaration [Total Pages <input type="text"/> ]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small></p> <p>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>5. <input checked="" type="checkbox"/> Incorporation By Reference <small>(useable if Box 4b is checked)</small> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<p>6. <input type="checkbox"/> Microfiche Computer Program <small>(Appendix)</small></p> <p>7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>
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<b>ACCOMPANYING APPLICATION PARTS</b>	
8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>
10. <input type="checkbox"/> English Translation Document <small>(if applicable)</small>	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/> Preliminary Amendment	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small>
14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>
16. <input type="checkbox"/> Other:	

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☒ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_ /

Prior Application Information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

<b>18. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number or Bar Code Label    or <input checked="" type="checkbox"/> Correspondence address below					
<small>(Insert Customer No. or Attach bar code label here)</small>					
NAME		HOWREY & SIMON			
ADDRESS		Box No. 34			
		1299 Pennsylvania Avenue, N.W.			
CITY	Washington	STATE	DC	ZIP CODE	20004-2402
COUNTRY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)		Registration No. (Attorney/Agent)		42,875	
Signature				Date	February 26, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.